

## ABSTRACT OF THE DISCLOSURE

Polyepitopic fragments of the E6 or E7 protein of HPV comprise a peptide sequence of about 15 to 30 amino acids. This peptide sequence contains amino acid sequences of at least 3 different epitopes binding stably to HLA molecules of identical or different type, when these epitopes are obtained by enzymatic degradation of the peptide sequence, particularly in the proteasome, such that at least 4 HLA molecules of different types bind to these epitopes. These 4 HLA molecules are selected from among those of types A1, A2, A3, A11, A24, A29, B7, B8, B18, B27, B35, B44, B51 and B62.

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